FIG. 9

USER INFORMATION TABLE

P-CODE OF USER (TELEPHONE NUMBER)	USER PROFILE		
		POSTAL CODE ADDRESS TYPE OF SERVICE TO USE NAME OF COMPANY BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT/SECTION POST JOB PRINTING PAPER INFORMATION	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)
		BIRTHDAY/BLOOD TYPE/SEX FINAL SCHOOL CARRIER/OCCUPATION ID/OCCUPATION (OTHERS) MARRIED/SINGLE/NUMBER OF FAMILY/INCOME/AMOUNT OF SAVING HOUSE IN POSSESSION OR NOT/CAR/PISTON DISPLACEMENT/MODEL MOTORCYCLE/PISTON DISPLACEMENT/MODEL CURRENT PET/DESIRED PET HOBBY/MUSIC/MOVIE SPECTATOR SPORTS/SPORTS/FISHING GENRE OF INTEREST (DESIRED INFORMATION) (ID LIST)	
	PERSONAL INFORMATION TABLE	TO ANOTHER DB	
	MAIL SERVICE INFORMATION	NUMBER OF MAIL MESSAGES MAXIMUM ENLARGEMENT LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF MAIL MESSAGES)	
	DISTRIBUTION SERVICE INFORMATION	NUMBER OF REGISTERED DATA P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF DISTRIBUTED DATA)	
	PERSONAL INFORMATION SERVICE INFORMATION	NUMBER OF FRAME DATA P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF FRAME DATA)	

MEMBERS NUMBERS

FIG. 13

PERSONAL INFORMATION TABLE

USER-ID	PHONETIC TRANSCRIPTION (LAST NAME)
	PHONETIC TRANSCRIPTION (FAMILY NAME)
	NAME (FAMILY NAME)
	NAME (FIRST NAME)
	NAME (MIDDLE NAME)
	POSTAL CODE
	ADDRESS
	TELEPHONE NUMBER
	FAX NUMBER
	PORTABLE TELEPHONE NUMBER
	E-MAIL ADDRESS
	PASSWORD
	NAME OF COMPANY
	BUSINESS CATEGORY ID
	BUSINESS CATEGORY (OTHERS)
	NAME OF DEPARTMENT / SECTION
	POST
	JOB
	POSTAL CODE OF COMPANY
	ADDRESS OF COMPANY
	TELEPHONE NUMBER OF COMPANY
	FAX NUMBER OF COMPANY
	PAYER INFORMATION

FIRST / LAST

CREDIT CARD COMPANY FOR SETTLEMENT
CARD NUMBER
VALID DATES OF CARD

USE DISK AREA INFORMATION
CHARGE RECORD

PRIORITY FOR LAYOUT
PAPER SIZE
DIRECTION OF PAPER
AMOUNT OF ADVERTISEMENT
(e.g., USE OF LOWER SURFACE)

F I G. 14

OWNER INFORMATION TABLE	SAME AS PERSONAL INFORMATION TABLE
USER-ID	NAME OF COMPANY / NAME
	POSTAL CODE OF COMPANY
	ADDRESS OF COMPANY
	TELEPHONE NUMBER OF COMPANY
	FAX NUMBER OF COMPANY
	E-MAIL ADDRESS OF PERSON IN CHARGE
	PASSWORD
	BUSINESS CATEGORY ID
	BUSINESS CATEGORY (OTHERS)
	NAME OF DEPARTMENT / SECTION
	PAYER INFORMATION
	USE DISK AREA INFORMATION
	CHARGE RECORD
	BANK OF PAYER
	BANK ACCOUNT OF PAYER
	CONTRACT TERM

E-MAIL

CHANGE

CHARGE

F I G. 24

USER ID : NEW REGISTRATION MEMBER

PASSWORD (P) : `** `

PASSWORD
(FOR CONFIRMATION) (Q) :

| OK | CANCEL |

F I G. 37

THE INFORMATION PROVIDER CAN CONTACT YOU.

IT IS NECESSARY FOR A NONMEMBER TO REGISTER ADDRESS WHERE TO MAKE CONTACT BY THE INFORMATION PROVIDER. INPUT NECESSARY MATTERS AND PRESS "NEXT"

POSTAL CODE (Z): [211] - [8909]

ADDRESS (A): [DAINI-TANAKA BLDG. 2F, 2-12-3 HIGASHIKANAMACHI, CHUO-KU, KAWASAKI-SHI]

TELEPHONE NUMBER (T): [04] - [23] - [2020]

NAME OR NAME OF COMPANY (N): [CANDY INFORMATION SERVICE (K.K)]

E-MAIL ADDRESS (E): [candiinf@candi.co.jp]

| NEXT (F) | BACK (B) | CANCEL REGISTRATION (C) |

FIG. 44

STARTING DATE

SET ~~DATE OF START~~ OF INFORMATION INSERTION (S)

APRIL 15, 1999 ▼

SET VALID DATES OF INFORMATION

○ INDEFINITE (I)

○ ONE WEEK (W)

○ ONE MONTH (M)

○ ONE YEAR (Y)

○ DESIGNATE DATE (D)   APRIL 30, 1999 ▼

☑ VALID DATES OF P-CODE IS SET INDEPENDENTLY
OF THAT OF INFORMATION (F)

MAY 31, 1999 ▼

| NEXT (F) | BACK (B) | CANCEL REGISTRATION (C) |

F I G. 57

The ADVERTISEMENT PROVIDER CAN CONTACT You!

IT IS NECESSARY FOR AN ADVERTISEMENT REGISTRATION NONMEMBER TO REGISTER ADDRESS WHERE ~~TO MAKE CONTACT BY THE ADVERTISEMENT PROVIDER.~~ INPUT NECESSARY MATTERS AND PRESS "NEXT"

POSTAL CODE (Z): 227 - 3298

ADDRESS (A): 2-3-4 KIBOGAOKA, MINAMI-KU, YOKOHAMA-SHI, SHIZUOKA-KEN

TELEPHONE NUMBER (T): 0453 - 257 - 9802

NAME OR NAME OF COMPANY (N): CanDINET PROJECT

E-MAIL ADDRESS (E): candi@canon.co.jp

| NEXT (F) | BACK (B) | CANCEL REGISTRATION (C) |

FIG. 61

STARTING DATE

SET ~~DATE OF START~~ OF ADVERTISEMENT INSERTION (S)

MARCH 29, 1999 ▼

SET VALID DATES OF ADVERTISEMENT TO BE REGISTERED

○ INDEFINITE (I)

○ ONE WEEK (W)

○ ONE MONTH (M)

○ ONE YEAR (Y)

⊙ DESIGNATE DATE (D)　APRIL 10, 1999 ▼

NEXT (F)	BACK (B)	CANCEL REGISTRATION (C)

F I G. 63

CHOOSE

YOU CAN ~~DO~~ FOLLOWING DESIGNATION TO LIMIT REGION

- ⊙ LIMIT IN UNITS OF METROPOLIS AND DISTRICTS OR CITIES, TOWNS, AND VILLAGES (P)
- ○ DESIGNATE SHOP TO PRINT (S)
- ○ DESIGNATE ADDRESS AND RANGE THEREFROM (R)
- ○ DESIGNATE RANGE ON MAP (M)

SET DETAILS (D)

NEXT (F) BACK (B) CANCEL REGISTRATION (C)
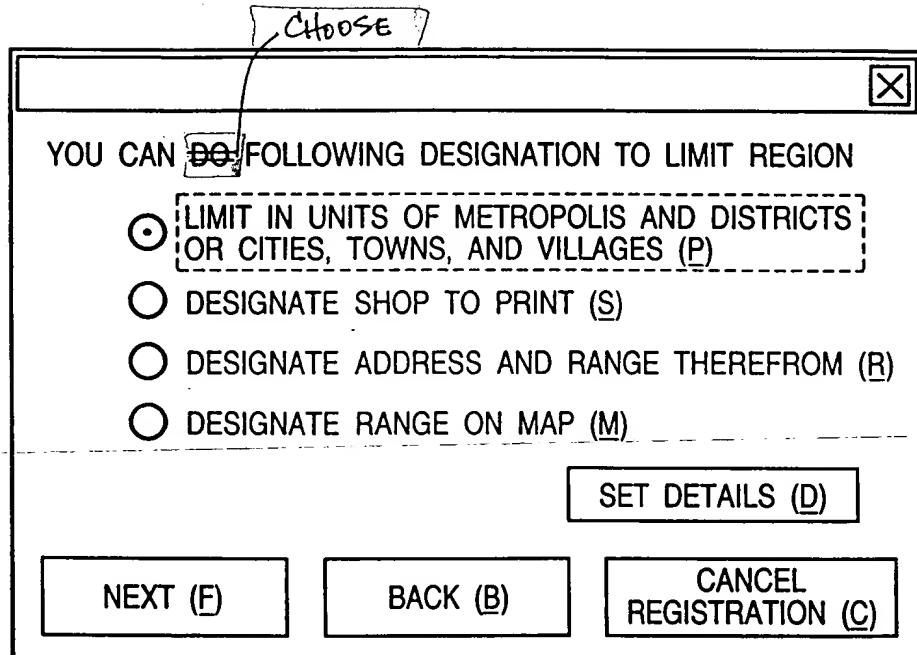
F I G. 67

ACCORDING TO

CHARGE FOR REGISTERED ADVERTISEMENT PER INSERTION IS 20 YEN. ADVERTISEMENT IS CHARGED FOR ~~IN CORRESPONDENCE WITH~~ NUMBER OF PRINTED PAGES

SET UPPER LIMIT OF ADVERTISEMENT CHARGE:

⊙ DESIGNATE MAXIMUM NUMBER OF TIMES OF PRINTING (V)

○ DESIGNATE UPPER LIMIT OF ADVERTISEMENT CHARGE (P)

MAXIMUM (M): 400 ▲▼ TIMES

| NEXT (F) | BACK (B) | CANCEL REGISTRATION (C) |

F I G. 69

PRINTOUT

⊠

DO YOU WANT ~~PRINT~~ OF PARTICULARS OF
REGISTERED ADVERTISEMENT INFORMATION?

(~~PRINT~~ IS ALSO AVAILABLE FROM INQUIRY OF
  REGISTERED ADVERTISEMENT INFORMATION)

YES (Y)   NO (N)

F I G. 81

2033

SELECTED DATA WILL BE ~~PRINT~~ AS FOLLOWS

PRINTED

~2034

DISPLAY
PREVIEW
HERE

2035 — PREVIEW THE NEXT PAGE

2036 — PREVIEW THE PRECEDING PAGE

2037 — DISPLAY THE MAIN WINDOW
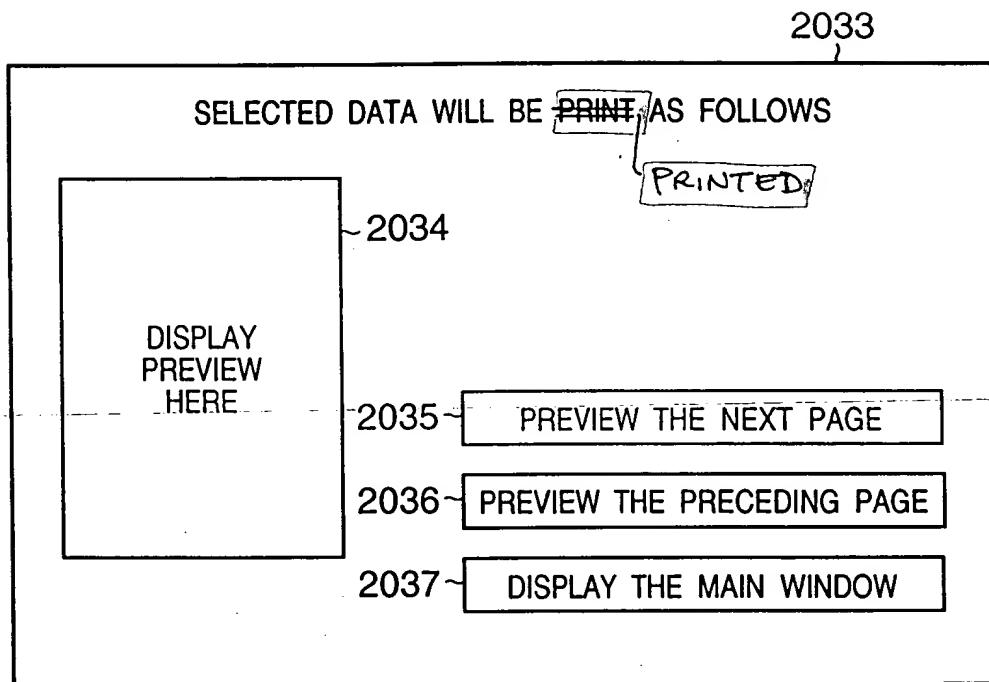
F I G. 82

PRINTING OF ADVERTISEMENT

ADVERTISER BEARS PRINTING CHARGE FOR YOU
WHEN ADVERTISEMENT IS PRINTED

PRINT IN FREE SPACE OF ARTICLE   YES   NO

PRINT ON LOWER SURFACE   YES   NO

PRINT ANOTHER PAGE   YES   NO
ON

2038

2039

2040   2041

OK   CANCEL

FIG. 83

MAIL BOX HAS FOLLOWING MAIL MESSAGE — 2042

PRINT ALL — 2043

DISPLAY PRECEDING LIST — 2044

DISPLAY NEXT LIST — 2045

2046

SURFIX	SUBJECT (CONTENTS)	FROM (SENDER)	NUMBER OF PAGES	PRINT		
#1	NEW YEAR PARTY	takaha@cse.canon	1	COLOR	MONOCHROME	NO
#2	ABOUT SENDING OF DB EXAMINATION CONFERENCE REPORT	itoh@ccsi.dumnet	2	COLOR	MONOCHROME	NO
#3	Re : DO YOU KNOW?	nishida@ykk.com	1	COLOR	MONOCHROME	NO

2046a   2046b   2046c

2 MAIL MESSAGES ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 3. — 2047

PRINT PREVIEW — 2048

SET OPTIONS — 2049

PRINT — 2050

BACK — 2051

CANCEL — 2052

F I G. 84

2053

MAIL PRINTING OPTIONS

YOU CAN SELECT FOLLOWING OPTIONS

PRINT MAIL MESSAGES
CONTINUOUSLY ONE SHEET

DENSELY PRINT WITH
SMALLEST LETTERS

| YES | NO |

ON

| YES | NO |

} 2054

2055   2056

| OK | CANCEL |

FIG. 85

REGISTERED FRAME IS AS FOLLOWS

2057

2058 **PRINT ALL**

2059 **DISPLAY PRECEDING LIST**

2060 **DISPLAY NEXT LIST**

2061

SURFIX	CONTENTS	NUMBER OF PAGES	PRINT
##1	CATCH INFORMATION / TOMORROW'S WEATHER / INFORMATION OF FISHING BOAT RESERVATION IN NISHI-IZU	1	YES NO
##2	SINGLE CD RANKING / ALBUM RANKING / NEW RELEASE INFORMATION	3	YES NO
##3	SCORE SHEET OF GRAND SUMO TOURNAMENT / PROFESSIONAL BASEBALL GAME RESULTS OF YESTERDAY	1	YES NO

2061a 2061b

2 PIECES OF INFORMATION ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 4.

2062

2063 **REGISTER / CHANGE INFORMATION**

2064 **PRINT PREVIEW**

2065 **PRINT**

2066 **BACK**

2067 **CANCEL**

About

F I G. 96

2132

FOLLOWING DATA IS RECEIVED.
PRESS "OK" TO PRINT PARTICULARS

2133

REGISTERED P-CODE	09027648234-4
DATA PASSWORD	* * * *
REGISTERED DATA	IMAGE 480 KBytes
VALID DATES	ONE WEEK (UNTIL APRIL 10)

2134　　2135　　2136

| OK | BACK | CANCEL |

F I G. 103A

ACQUISITION OF IP INFORMATION

```
                    ( START )
                        │
     S3201             │
         ╲         ╱◇╲
          ────────<  IP P-CODE?  >────NO────→ ( A )
                    ╲◇╱
                        │ YES
     S3202             │
         ╲         ╱◇╲
          ────────< P-CODE IN       >────YES──────┐
                   < P SERVICE SERVER? >           │
                    ╲◇╱                            │
                        │ NO                       │   S3203
                        │                          │      ╲
           ┌────────────┴──────┐      ┌────────────┴──────────┐
  S3204    │  EXTRACT CLASS    │      │ ACQUIRE IP INFORMATION │
      ╲    │  CATEGORY AND     │      │ FROM ENTITY FILE       │
           │  EXTERNAL CODE    │      │ INFORMATION            │
           └─────────┬─────────┘      └───────────┬───────────┘
                     │                            │
           ┌─────────┴─────────┐                  │
  S3205    │     ACQUIRE       │                  │
      ╲    │ CORRESPONDING URL │                  │
           └─────────┬─────────┘                  │
                     │                            │
           ┌─────────┴─────────┐                  │
  S3206    │  TRANSMIT P-CODE  │                  │
      ╲    │    TO IP SERVER   │                  │
           └─────────┬─────────┘                  │
                     │                            │
           ┌─────────┴─────────┐                  │
  S3207    │ ACQUIRE IP INFORMATION │             │
      ╲    │   FROM IP SERVER  │                  │
           └─────────┬─────────┘                  │
                     │←───────────────────────────┘
                     │
                 ( END )
```